

28 MAR 1963

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FM CIA WASHDC

TO RUCSBR/SAC OFFUTT AFB OMAHA NEB

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CITE CIA-Z-449

FOR BRASS KNOB

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FILE

1. FROM THE NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

2. AN EXAMINATION OF THE 3400 AND 3500 MISSION SERIES REVEALS THAT CAMERA NUMBER B 7 HAS BEEN GIVING CONSISTENTLY POOR RESULTS COMPARED TO THE OTHER CAMERAS. IMAGE DEGRADATION APPEARS AS AN OUT-OF-FOCUS CONDITION AND IS MOST NOTICEABLE ALONG THE LEADING (CLOCK) EDGE OF THE FILM. IMAGERY APPEARS SOFT, WITH NO EVIDENT DIRECTIONAL STREAKING. APPROXIMATELY 1/5 OF EVERY FRAME IS SERIOUSLY AFFECTED AND NO PORTION OF THE FRAME APPEARS COMPARABLE TO OPTIMUM SYSTEM CAPABILITIES. THE DEGREE OF DEGRADATION CHANGES BETWEEN MISSIONS BUT IS CONSISTENT THROUGHOUT A MISSION. MISSIONS FLOWN RECENTLY, USING THE B 7 CAMERA, ARE 3499, 3500, 3502, 3505. ALL SHOW EVIDENCE OF THE ABOVE DEGRADATION.

3. EXAMINATION OF MISSION 3513, DATED 24 MARCH 1963, REVEALS THAT A METERING MALFUNCTION CAUSED ERRATIC SPACING AND INTERMITTENT MINOR OVERLAPPING OF FORMATS THROUGHOUT THE MISSION ON BOTH 9R AND 9L FILM. CLOCK FAILURE ALSO OCCURRED APPROXIMATELY HALFWAY

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

THROUGH THE MISSION.

4. RECOMMEND THAT YOU INVESTIGATE FUNCTIONING OF THESE CAMERAS
TO CORRECT DEFICIENCIES BEFORE THEY ARE USED IN FUTURE MISSIONS.

SCP-1

BT

28/1734Z

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